

Applicants : David J. Pinsky, et al.
U.S. Serial No: 10/692,439
Filed : October 22, 2003
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In the Specification:

Please replace the paragraphs that appear on page 25, lines 22-38 through page 26, lines 1-16 with the following amended paragraphs:

- 1) Oligonucleotides for producing Factor IXmi (Ser365-~~XXX~~ NNN)
3'-W ACA GTT CCT CTA ~~XXX~~ NNN CCC CCT GGG GTA V-5' (SEQ ID NOS:1-9)

where

W is T, 3'-GT or 3'-AGT

V is C, 3'-CA, or 3'-CAA

~~XXX~~ NNN is the complement to a DNA codon for any one of the standard amino acids other than serine.

- 2) Oligonucleotides for producing [FACTOR] Factor IXmi (Asp269-~~Yyy~~ NNN)

3'-W TTC ATG TTA GTA ~~Yyy~~ NNN TAA CGC GAA GAC V-5' (SEQ ID NOS:10-18)

where

W IS A, 3' [[=]] _TA, OR 3'-TTA

V is C, 3'-CT, or 3'-CTT

~~Yyy~~ NNN is the complement to a DNA codon for any one of the standard amino acids other than aspartic acid and cysteine.

- 3) Oligonucleotides for producing Factor IXmi (His221-~~Zzz~~ NNN)

3'-TTA CAT TGA CGA CGG ~~Zzz~~ NNN ACA CAA CTT TGA CCA-5' (SEQ ID NO:19)

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where

W is A, 3'-AA, or 3'-TAA

V is C, 3'-CC, or 3'-CCA

~~zzz~~ NNN is the complement to DNA codon for any one of the standard amino acids other than histidine and cysteine.

Oligonucleotide primers for producing the preferred Factor IXmi of this invention, Factor IXmi(Ser365-Ala), are those of No. 1 above, wherein ~~xxx~~ NNN is the complement of a codon for alanine, i.e., 3' CGA, 3'-CGC, 3'-CGT or 3'CGC. A specific primer for producing Factor IXmi(Ser365-Ala) is:

3=-GT ACA GTT CCT CTA CGA CCC CCT GGG GTA C-5= (SEQ ID NO: 20)